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September 13, 2006

From: Heather F. Perrin

Matter No.: 433165

To:	Company:	Fax Number:	Phone Number:
Mail Stop: Missing Parts	U.S. Patent Office	(571) 273-8300	

Number of Pages Transmitted (including this cover sheet): 10

Message:

Applicant(s): Philip Heinz

Serial No.: 10/532,453

Filed: October 23, 2003

For Systems And Methods That Detect
Changes In Incident Optical
Radiation

Examiner: Not Yet Assigned

Group Art No.: Not Yet Assigned

Confirmation No. 3912


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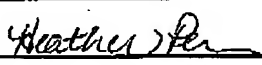
CERTIFICATE OF FACSIMILE TRANSMISSION 37 CFR 1.8			Matter No.
Applicant(s): Philip Heinz			433165
Serial No.	Filing Date	Examiner	Group Art Unit
10/532,453	April 22, 2005	Not Yet Assigned	Not Yet Assigned
Invention Systems And Methods That Detect Changes In Incident Optical Radiation			
<p>I hereby certify that the following: Facsimile Cover Sheet (1 page); Transmittal Form (1 page); Response to Notification Of Insufficient Fees (1 page); Copy of Notification of Insufficient Fees (2 pages); Fee Transmittal For FY 2006 (1 page in duplicate); Petition For Extension of Time Under 37 CFR 1.136(a) (1 page in duplicate); authorization to charge Deposit Account No. 12-0600 in the amount of \$1,310.00 (\$800 for Extra Claim Fees and \$510 for the extension fees); authorization to charge additional fees that may be required, or credit any overpayment, to Deposit Account No. 12-0600; are being sent via facsimile transmission to Mail Stop: Missing Parts, c/o the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13th day of September, 2006</p>			
<div>Keiko Morioka Name of Transmitter</div>			
<div> Signature of Transmitter</div>			
<div>(571) 273-8300 Facsimile No.</div>			

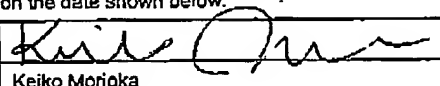
Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/532,453	RECEIVED CENTRAL FAX CENTER SEP 13 2006
	Filing Date	April 22, 2005	
	First Named Inventor	Philip Heinz	
	Art Unit	Not Yet Assigned	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	Attorney Docket Number	433165	

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Insufficient Fees Certificate of Facsimile Transmission Facsimile Cover Sheet
<div style="border: 1px solid black; padding: 5px;"> Remarks </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	LATHROP & GAGE LC		
Signature			
Printed Name	Heather F. Perlin		
Date	September 13, 2006	Reg. No.	52,854

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Keiko Morioka	Date	September 13, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NO. 4230 P. 4

PATENT

Attorney Docket No.: 433165
Sent Via Facsimile: (571) 273-8300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Philip Heinz

Serial No.: 10/532,453

Filed: April 22, 2005

For Systems And Methods That Detect
Changes In Incident Optical
Radiation

Examiner: Not Yet Assigned

Group Art No.: Not Yet Assigned

Confirmation No. 3912

September 13, 2006

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Commissioner For Patent
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF INSUFFICIENT FEES

Dear Sir:

In response to the Notification of Insufficient Fee dated April 13, 2006 (copy appended), enclosed herewith find the following:

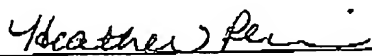
1. Fee Transmittal For FY 2006;
2. Petition For Extension of Time Under 37 CFR 1.136(a).

Pursuant to 37 CFR §§ 1.20 and 1.17, the fees which are due should be applied against our Deposit Account No. 12-0600. Any additional fee which might be due in connection with this request should be applied against our Deposit Account No. 12-0600.

The Examiner is encouraged to contact the undersigned if prosecution of the application may be expedited thereby.

Respectfully submitted,

LATHROP & GAGE LLC


Heather F. Perrin, Reg. No. 52,884
4845 Pearl East Circle, Suite 300
Boulder, Colorado 80301
Tel No: (720) 931-3033
Fax No: (720) 931-3001

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,453	Philip Heinz	433165

30955
LATHROP & GAGE LC
4845 PEARL EAST CIRCLE
SUITE 300
BOULDER, CO 80301

INTERNATIONAL APPLICATION NO.

PCT/US03/33522

LA. FILING DATE

10/23/2003

PRIORITY DATE

10/23/2002

CONFIRMATION NO. 3912

371 FORMALITIES LETTER



OC000000018509906

Date Mailed: 04/13/2006

Notification of Insufficient Fees (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/22/2005
- Copy of the International Search Report filed on 04/22/2005
- Copy of IPE Report filed on 04/22/2005
- Information Disclosure Statements filed on 04/22/2005
- Oath or Declaration filed on 04/22/2005
- Small Entity Statement filed on 04/22/2005
- Request for Immediate Examination filed on 04/22/2005
- Copy of references cited in ISR filed on 04/22/2005
- U.S. Basic National Fees filed on 04/22/2005
- Substitute Specification filed on 04/22/2005
- Assignment filed on 04/22/2005
- Priority Documents filed on 04/22/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$800 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$800 for a Small Entity:

- Total additional claim fee(s) for this application is \$ 800

To K.C.
Date 4/26/06
From YJ**DOCKETED**

MRS ... 4/27/06

- \$300 for 5 independent claims over 3.
- \$500 for 26 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHRISTINE S WASHINGTON

Telephone: (703) 308-9140 EXT 228

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,453	PCT/US03/33522	433165

FORM PCT/DO/EQ/923 (371 Formalities Notice)

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NO. 4230 P.P. 7/17 (01-06)

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FEE TRANSMITTAL for FY 2006		Complete if Known	
		Application Number	10/532,453
		Filing Date	April 22, 2005
		First Named Inventor	Phillip Heinz
		Examiner Name	Not Yet Assigned
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT (\$) 800		Attorney Docket No.	433165

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____

☒ Deposit Account Deposit Account Number: 12-0600 Deposit Account Name: Lathrop & Gage LC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	—
Design	200	100	100	50	130	65	—
Plant	200	100	300	150	160	80	—
Reissue	300	150	500	250	600	300	—
Provisional	200	100	0	0	0	0	—

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
48	-26 or HP= 20	x \$25 =	\$500

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
8	-5 or HP= 3	x \$100 =	\$300

HP = highest number of independent claims paid for, if greater than 3.

Small Entity

Fee (\$)	Fee (\$)
50	25
200	100
360	180

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)
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3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
—	- 100 =	/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature	<i>Heather F. Perlin</i>	Registration No. (Attorney/Agent)	52,894	Telephone	(720) 931-3033
Name (Print/Type)	Heather F. Perlin	Date	September 13, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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